

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Ho4bart@aol.com
Subject: ??? re Bliley adjustable quartz crystal
Message-ID: <970314171732_1714917017@emout04.mail.aol.com>

maybe you all have already gone down this path before,
if so just ignore.
but....the Bliley vari-x (is that what it was called?)
adjustable crystal, in the round pillbox-- did that
adjustment knurled nut on top simply adjust the pressure
on the quartz? how much freq variation could be achieved
on 80 & 40 ? what about comment on replicating this
homebrew? tn timer hue miller

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: wallace@world.std.com (Andy Wallace)
Subject: ??? re Bliley adjustable quartz crystal
Message-ID: <332ad552.31720231@world.std.com>

On Fri, 14 Mar 1997 22:18:22 GMT, Ho4bart@aol.com wrote:

>but....the Bliley vari-x (is that what it was called?)
>adjustable crystal, in the round pillbox-- did that=
>adjustment knurled nut on top simply adjust the pressure
>on the quartz? how much freq variation could be achieved
>on 80 & 40 ?

I have one which is model VF-1, and set for 7156 kc. It has a dial
which shows it variable to +12 kc of the cut frequency! The patent no.
is 2079540. I've never tried it out to verify this, but I would not be
surprised if it is so. Electric Radio (forget which issue) had an
article on these crystals some years ago, but the author had one of
the lower-range ones, like 6 kc.=

> what about comment on replicating this=
>homebrew?

I have seen FT-243s with threaded rod and knob attached... Never tried
it myself but it might give you some variation.=

Or just sign /XTAL and make them come to you. :-)

=
--73,
Andy
wallace@world.std.com
"Well. Great! I'll be a single guy living at home

with his parents. All I need now is to dust off the=20
old HAM RADIO, start collecting tropical fish --
I'll be the biggest loser in the world!"
--Drew Carey

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: lsmith <ckvnfm@mb.sympatico.ca>
Subject: All Free Heath Manuals Gone
Message-ID: <3329E274.76C6@mb.sympatico.ca>

It's been a hot day for free manuals at the radio station today folks!
All customers with excellent stories of deprivation have been given a
new lease on life by taking a dose of Smith's Magic Heath Manual
Elixor! All the best to you. Lee

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Armor All and cleaning
Message-ID: <332A4AB4.45C8@gte.net>

My favorite armorall story is not re: BA. My kids cleaned the dash and
naugahyde material in My MGB. Then they cleaned the SEAT on the
motorcycles. The first time I poured the coal to the 900CC motorcycle, I
nearly slid off onto the ground!!!!!! ArmorAll is nothing but silicon
oil. It makes plastic and other things DAMN SLICK. It also desolves lots
of compounds, and makes the surface completely unsatisfactory for future
attempts to paint. If there are any conductors (phone jacks) close to
the surface, the silicon oil may be able to migrate to that surface and
provide a nice high resistance joint. NOISE.

The way a shipyard cleans a BA radio(a real BA is sand blasted, primed
and painted) is to remove the loose parts, put the chassis or panel into
what amounts to a big DISHWASHER and let it run. Cascade etc does a good
job removing the material that accumulates, dust, film, dirt,
monoethenolamine, hydraulic oil, verdigris, soot, coffee, cigarette smoke
on the surface. High pressure air, a stiff brush, soft cloth, etc also
help. Rust is removed in the normal way, sand blast (they come even in
dental size), wire brush, emery cloth. Prime and paint with the same
finish originally used. Then reapply the decals and trim.

The typical dishwasher runs at 180F or so, well below a temperature that
would damage components. If labels and decals will be removed in the
cleaning, make a note of what they were before you clean. Typically if
they are painted on, they will be okay to clean.

The use of CCL4 (carbon tetrachloride) and trichlorethylene type solvents

should be done in well ventilated areas, and likely only to degrease contacts. Frequently not required.

Be careful when you buy readily available contact cleaners (Radio Shack) and use the ones designed for your task. Lubricant is frequently not a good conductor.

73 John

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: JOHN_SEHRING.parti@ecunet.org
Subject: ARMOR-ALL
Message-ID: <9703151202.aa21582@pcusa01.ecunet.org>

Armorall leaves a greasy film. That WILL attract dust & dirt. The idea is to get a BA properly clean so that it won't attract dirt in future.

Silicone-based anything is terribly hard to remove.

This obsession with appearance may well be ruination of many a poor BA.

Are we gonna look at these things or use 'em? Kind reminds me of a museum where "you can look but you better not touch!".

Yours in blue-collar equipment (it's earned its wrinkles, by golly!).

-John Sehring (Sat, Mar 15, 1997 1:02 am MT @Baker, Montana) UCC WB2EQG

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: FRANKK6NL@aol.com
Subject: Armoral et al
Message-ID: <970315153412_308984842@emout02.mail.aol.com>

For what it may be worth I have always cleaned crackle finishes with an old tooth brush dipped into a strong mixture of household ammonia and water. Repeating as necessary. Works just fine for me.

Frank K6NL

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Keith Heitzmann <kk5fe@communique.net>
Subject: Re: Armoral et al
Message-ID: <2.2.16.19970315145442.2cf70adc@mail.communiquenet.net>

At 08:37 PM 3/15/97 GMT, you wrote:

>For what it may be worth I have always cleaned crackle finishes with an old
>tooth brush dipped into a strong mixture of household ammonia and water.
>Repeating as necessary. Works just fine for me.
> Frank K6NL

The ammonia does work great... just be careful what it touches. It will take
off certain lettering like on dial glass and the like. Er..... not that it
happened to me or anything!

Keith KK5FE

-----Keeper of all that I buy-----
-----AMI# 837-----
-----<http://www.communicue.net/~kk5fe>-----

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Paul & Sandra Bock <bocks@erols.com>
Subject: Armorall vs whatever
Message-ID: <332A23D4.2D73@erols.com>

I side with Mike (Hanz) in that I will never knowingly use Armorall
or any other silicon product on any painted surface (well, maybe he
didn't say that, but that's the way I feel). It can soften the paint,
and it leaves a residue which is almost impossible to remove, as Mike
pointed out. Even if I'm not going to repaint an item, I like to take
the long view that someone else may.

Mike mentioned Tannery; I *HIGHLY* recommend it (in fact, he told me
about it a couple of years ago). Applied to a very warm surface (heated
by sitting in bright sunlight, or by using a small hair dryer) it does
wonders for paint, particularly wrinkle paint (after it's been properly
cleaned first, of course, to get the grunge out of the wrinkles). I have
used it on ARC-5 transmitters and a host of Vibroplex and Les Logan bugs,
and the results are truly impressive. As I type this I'm gazing at a
1943 Vibroplex Blue Racer, black wrinkle, which is positively stunning
thanks to Tannery. When I bought it the seller apologized for the dirty
and faded paint, although it was thankfully otherwise unblemished. Now
I've been accused of having repainted it with new black wrinkle, but the
paint is 100% original and 54 years old, give or take a few months.

There is actually more than one product I've found which seem to
have the same characteristics; both were bought at the local WalMart.
They are:

Tannery Car Care, leather & vinyl care (spray, 10 oz.)

made by K&W Products, Bloomington, IN

Eagle Ottawa Tanner's Preserve leather conditioning cream
(7.5 oz squeeze bottle), dist. by First Brands Corp.,
Danbury, CT

The cream is especially useful if you must worry about spraying something you don't want to spray. Both products seem to work the same way.

And, unlike WD-40 which evaporates after a few weeks and leaves the surface looking dull again, this stuff lasts a very long time; I have no idea *how* long, but the earliest I did a bug with it was August '95, and when I shipped that 1944 Lightning Bug out last week in a trade it still looked great!

Your mileage may vary.....

73,

Paul, K4MSG

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: "Gregory S. Raven" <gsraven@cris.com>
Subject: AWA Meet Bradenton FL
Message-ID: <2.2.32.19970315022012.00903cf4@pop3.cris.com>

The 11th Annual AWA Spring Meet in Bradenton Florida
Saturday March 15, 1997
Doors Open at 8 AM
\$5 admission fee, non-collector spouses admitted free (admission fee includes table, bring some stuff to trade or sell)
Special show- bring your Zenith Transoceanic and other Tube Type Multiband Portables
email gsraven@cris.com for directions

73 de Greg KF5N

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: JOHN_SEHRING.parti@ecunet.org
Subject: BC-457 & BC-458 FOR SALE
Message-ID: <9703151202.aa21415@pcusa01.ecunet.org>

For Sale:

Unit #1.

BC-457-A (4.0-5.3 MHz). Condition is good. However none of these kind of units are without a bit of wear & tear. But no dents, dings or big scratches. Just little wear marks here & there. All factory paint marks on screws and adjustments are unbroken.

This unit is perfectly stock.

Natural aluminum color. Has pale patina of preserving varnish on all surfaces.

Only thing missing is the 1629 tube. The 8-pin octal crystal plug and can with a 4600 kHz crystal inside is present.

Manufacturer tag on side of chassis says: "Signal Corps U.S. Army Serial #29294 Made by Western Electric"

Below it is a red depot decal marked "M.F.P. Oct 49"

Best offer over \$50 (shipping extra).

----- Unit #2.

BC-458-A (6.3-7.0 MHz). Good cosmetically, same color & basic condition as #1 above.

Except has been modified (not by me).

8-pin octal power plug on back. Relay K53 is missing. Resistor R71 (for 1629 filament) is missing and replaced by jumper wire. Probably has been rewired for 12 v filament supply but neatly done. All factory paint on screws and adjustments unbroken.

No tubes, except for 1626, no crystal.

The Antenna Coupling shaft & knob are missing, had been replaced by an S0-239 (nut type, not type with flange & screw mounting holes), connector is absent. One 3/8" hole drilled into lower left of front panel. Bit of white powdery corrosion (looks easily removable along one edge on fasteners of bottom cover. Both covers are present but there are no attaching screws for them.

Manufacturers tag on top of cover: "Royal Canadian Air Force Transmitter, Radio, BC458A Reg. No. 10EU/4344 Serial No. D5498 Reconditioned by"

Other tag on top of cover: "Modification No. B2", with 'B2' stamped into one of five white color circles.

Depot decal on side of chassis says: "Reconditioned by Canadian Aviation Electronics Ltd. Date Oct 23 1956 W"

Best offer over \$25 (shipping extra).

-John Sehring (Sat, Mar 15, 1997 12:52 am MT @Baker, Montana) UCC WB2EQG

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Carbon Resistors 1W, 2W etc
Message-ID: <332A4135.1AA8@gte.net>

Science and Technology,
between 5th and 6th on Coffman St
Longmont, CO 80501

has a large supply of PARTS, cable, connectors, resistors, caps (condensers), etc. The owner used to be the supply house for the AEC lab in Los Alamos, NM.....LOTS of hardware.

IF you make friends with Bob the owner, he'll show you the layout. Basement is FULL of the BA parts. BOXes of connectors, 2W, etc composition R.

(I live in Honolulu or I'd give you the address and phone number. That's what Internet searches are for.)

73 John K1ER

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: rsolomon@tsd.textron.com
Subject: Carbon Resistors
Message-ID: <9702148583.AA858382223@cctds.tsd.textron.com>

It looks like I may have the last great hoard of 1 and 2 watt Carbon Composition resistors (Ohmites)... wow, I hit the mother lode.

I always knew my rat-pack ways would take care of me in my old age.

Wishful thinking, from Dick, W1KSZ
(Caviar tastes, Fishegg budget !!)

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: dr.electron@juno.com
Subject: RE: Cleaning Electronic Equipment
Message-ID: <19970315.015656.12022.15.dr.electron@juno.com>

Anchorers;
Would one of the present or ex-Tektronix employees out there
please reiterate the cleaning procedure used on tube based scopes, etc.
when returned for service? This should be the last word in safe cleaning.

Rich P /

73737373737373737373737373737373

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: "Jim Berry" <basalop@eskimo.com>
Subject: RE: Cleaning Electronic Equipment
Message-ID: <199703152202.0AA01796@mail.eskimo.com>

Hello Real Radio Fans,

Here is one to add to your list to try. Was talking to an old Navy
WWII radio op one time. He told me they used to make knobs, gloss
panels, meter bezels etc nice and shiney with clear shoe polish. I
tried it and it worked great.

73 Jim K7SLI

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Collins Pictures
Message-ID: <Pine.GS0.3.95L.970315132310.29654B-1000000@unixs1.cis.pitt.edu>

I have been invited by the Dayton Hamvention Forum Chairperson to moderate
and organize a Collins Forum on Sunday morning beginning at 10:45 AM in
Room 4 of the Hara Arena. I have been joined in this effort by the

following individuals: Michael Crestohl, Bill Wheeler, and Ed Zettle. We do hope that you will attend this first ever Collins forum.

One of our presentations will be to have a slide show of Collins Radio from a collection of photos that I have reproduced into 35 mm slides. Rockwell International was kind enough to provide me additional photos to add to my personal collection, that I have amassed over the years.

I would like to include a few slides in the "show" from those of you have Collins equipment in your shack - something of a personal touch to our photo essay of Collins Radio. If you would like to send a slide or two of your equipment and yourself. I would be most appreciative. I would, of course, return your slides after Dayton.

If you have any questions, please E-mail me. Thank you.

Dave, W3BJZ
Publisher of the monthly Collins Journal

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: John Wieder <jwieder@montrose-co.com>
Subject: Collins Reflector
Message-ID: <199703152032.NAA03464@gunnison.com>

Wonder if anyone has had any luck accessing the new Collins Reflector as described in the March ER, page 39? I just get a host unknown message. Tnx
73 John K0JY
jwieder@montrose-co.com

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: pmills@A.crl.com (Phil Mills)
Subject: Re: Collins Reflector
Message-ID: <199703152114.AA20669@A.crl.com>

>Wonder if anyone has had any luck accessing the new Collins Reflector as
>described in the March ER, page 39? I just get a host unknown message. Tnx
>73 John K0JY
>jwieder@montrose-co.com
>

There is a type in the ER article....where it says "temple" it should be "tempe"...the city in Arizona. Full address is listserv@listserv.tempe.gov for the server itself...that is, to subscribe. Messages to be reflected are then sent to collins@listserv.tempe.gov.

73, Phil

| | | | | |
|-------------------|-------|-----|---------------------------|-------|
| Phil Mills, AB5TH | ***** | WTB | S-meter for 75A4 | ***** |
| pmills@a.crl.com | ***** | | 80 meter RF coil for 75A4 | ***** |
| 281-992-5762 days | ***** | | bottom cover for 75A4 | ***** |
| Near Houston, TX | | | | |

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: johnz@earthlink.net
Subject: Eimac
Message-ID: <199703150007.QAA17603@denmark.it.earthlink.net>

I was recently forwarded the following via a friend at JPL and haven't yet seen anything confirming it here:

> This may be old news, but, for those as slow as I, Eimac finally has a web
> presence at
> www.eimac.com
> (surprise, surprise).

Surprise even more!!!! Read this from the Broadcast Remailer on the Internet:

>From the Portland, chapter 124, SBE Newsletter:

EIMAC SELLS OFF GLASS-TUBE DIVISION

According to Reid Brandon, W6MTF, Eimac (now a division of Communications & Power Industries, Inc.) no longer is manufacturing glass tube products. The equipment, designs and supplies to make these devices has been sold to Triton Services, Inc. of Pennsylvania. Also noted is the closure of Eimac's Salt Lake City plant.

If your transmitter uses a 3-500Z, a 4-400C or any other internal anode glass tube, contact Triton at 610-252-7331 (fax 610-258-6279) to see if they are making it. Glass chimney and socket products are now made at Triton as well.

Conspicuously absent from the list are 6146, 572B and 4-1000A's. CPI Eimac also has a tube rebuilding plan. Ceramic external anode power grid triodes and tetrodes are rebuilt to factory spec by Eimac in their own facilities. The plan is administered by Richardson Electronics who stocks a number of rebuilt tubes for immediate delivery.

John Zitzelberger W6GL
Thousand Oaks, CA

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: dr.electron@juno.com
Subject: RE: Enigma from your PC
Message-ID: <19970314.181812.6606.2.dr.electron@juno.com>

Greetings;
You may already have such a program, which makes your PC act like an " Enigma Machine ". Try the first and early releases of Win95.
With the latest " developments " in NT, it seems they are still persuing research in this area.
Heard a rumor as to the security bugs in their browser :
They may have accidentally stolen their own beta program !
Regards, Rich P. /

#

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: Enigma PC program
Message-ID: <Pine.GS0.3.95q.970314101107.3583B-100000@uhunix3>

Use pkunzip to unzip it. // Jeff KH2PZ

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: bill@skeeter.frco.com (William Hawkins)
Subject: Frankly, I'm Puzzled (tm)
Message-ID: <9703150313.AA17930@skeeter.bvc.frco.com>

There's been plenty of comment about Armorall and other silicone stuff being a bad thing to do to paint, but I've not seen much about WD-40. So I dredged up that trademarked 'puzzled' thing for a title. (If you never got a subscription renewal notice that began "Frankly, ..." then you are fortunate, and don't know what I'm talking about.)

Anyway, I don't understand how anyone could get WD-40 anywhere near a boatanchor they wanted to restore. The subject was beat around a while ago (FAQ, anyone?). WD means water displacement. The stuff was meant to displace water in electrical equipment that got wet. It is not permanent and it isn't a great lubricant. What's more, it smells bad

(not as bad as penetrating oil, but bad). Seems to me there was some ingredient that encouraged rust after it dried out.

That's not all that puzzles me, but it'll do for now.

Regards,
Bill Hawkins bill@skeeter.frco.com

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Re: Frankly, I'm Puzzled (tm)
Message-ID: <332A8AD9.3647@gte.net>

William Hawkins wrote:

>
> There's been plenty of comment about Armorall and other silicone stuff
> being a bad thing to do to paint, but I've not seen much about WD-40.
> So I dredged up that trademarked 'puzzled' thing for a title. (If you
> never got a subscription renewal notice that began "Frankly, ..." then
> you are fortunate, and don't know what I'm talking about.)
>
> Anyway, I don't understand how anyone could get WD-40 anywhere near a
> boatanchor they wanted to restore. The subject was beat around a while
> ago (FAQ, anyone?). WD means water displacement. The stuff was meant
> to displace water in electrical equipment that got wet. It is not
> permanent and it isn't a great lubricant. What's more, it smells bad
> (not as bad as penetrating oil, but bad). Seems to me there was some
> ingredient that encouraged rust after it dried out.
>
> That's not all that puzzles me, but it'll do for now.
>
> Regards,
> Bill Hawkins bill@skeeter.frco.com

A armorAll is OIL, silicon oil.
WD40 is petroleum distillates is OIL, petroleum based.
3 in 1 is OIL.
Hoppes gun oil is OIL.
Motor oil is OIL.
2190TEP is OIL.
KROIL is OIL.
Penetrating oil is OIL

Oil is good for lubricating, loosening metal to metal joints.
Oil will soften some compounds (paint, gaskets, shims,tar).
Paint will not stick to oil.
Oil is not a conductor.

Oil does not taste good.
Oil is not a polish.

Oil is NOT a good undercoat nor topcoat for paint.

Why puzzled?

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Steven Wenger <swenger@fgi.net>
Subject: Re: Frankly, I'm Puzzled (tm)
Message-ID: <Pine.LNX.3.95.970314214422.4373H-100000@um.fgi.net>

On Sat, 15 Mar 1997, William Hawkins wrote:

>
> Anyway, I don't understand how anyone could get WD-40 anywhere near a
> boatanchor they wanted to restore. ->

For what it is worth, Tektronix recommends that you wipe down their
equipment occasionally with WD-40.

73,
Steve KA9QLF

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Re: Frankly, I'm Puzzled (tm)
Message-ID: <199703151415.HAA23507@lynx.csn.net>

At 03:12 3/15/97 GMT, you wrote:
<snip>
>Anyway, I don't understand how anyone could get WD-40 anywhere near a
>boatanchor they wanted to restore. <snip>

What's more, it smells bad
<snip>

>Regards,
>Bill Hawkins bill@skeeter.frco.com
>

The good news is that when I fire up all my BAs, the inhouse crowd scatters -- the kid/spouse/cat all leave me alone as I bask in the gentle stench of wd-40, kerosine, ammonia, and banannas....

Jack, KCOLR (Friend to all things Hammarlund)

```
1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page
```

The WD-40 folks keep a file of the various uses to which people put their product...one of the most popular is as a non-stick spray for barbeques! No kidding...many folks swearby it for this use...go figure.

```
> From: Jack Harper <jharper@bs2000.com>
> To: Multiple recipients of list <boatanchors@sco.theporch.com>
> Subject: Re: Frankly, I'm Puzzled (tm)
> Date: Saturday, March 15, 1997 7:30 AM
>
> At 03:12 3/15/97 GMT, you wrote:
> <snip>
> >Anyway, I don't understand how anyone could get WD-40 anywhere near a
> >boatanchor they wanted to restore. <snip>
```

```

>
> What's more, it smells bad
> <snip>
>
> >Regards,
> >Bill Hawkins  bill@skeeter.frco.com
> >
>
>
> Amazing! I love the smell of wd-40 -- it smells almost as good as Hoppes
Gun
> Oil (which is, I think, a mixture of kerosine, ammonia, and banana oil
if I
> remember correctly -- :)
>
> The good news is that when I fire up all my BAs, the inhouse crowd
scatters
> -- the kid/spouse/cat all leave me alone as I bask in the gentle stench
of
> wd-40, kerosine, ammonia, and bananas....
>
> Regards
>
> Jack, KC0LR (Friend to all things Hammarlund)
> -----
> Jack Harper                               Bank Systems 2000, Inc.
> e-mail: jharper@bs2000.com                 350 Indiana Street, Suite 800
> voice: 303-277-1892 fax: 303-277-1785    Golden, Colorado 80401 USA
>
> "21st Century Financial Applications"
> Optical Cards for Bank, EBT, and Medical Applications
> Visit our Web Page: http://www.bs2000.com/talos (Last Update: 970312)
>
> 1024-bit PGP crypto key with ID: 8FB07075 created 960728
> Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
> Key available from Public Key Servers and above Web Page
> -----
>

```

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
 From: lsmith <ckvnfm@mb.sympatico.ca>
 Subject: Free Heath MR-21 Manual Gone
 Message-ID: <3329CB65.25C1@mb.sympatico.ca>

As they say...the header says it all...73 de Lee Smith

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: rhys@ix.netcom.com (Lawrence D. Wolken)
Subject: Re: FS R-390A Manual
Message-ID: <199703150200.UAA05773@dfw-ix8.ix.netcom.com>

Hi Gang --

Cleaning house and ran across a Fair Radio copy of manual for R-390A.
It's the depot manual TM11-5820-358-35. Copying quality is fair
(pun intended) and there may be a few minor pages missing but
everything's there that they send out.

\$10 shipped anywhere in the US

73
Larry Wolken N30JD
(202) 291-9303

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: rhys@ix.netcom.com (Lawrence D. Wolken)
Subject: Re: FS R-390A Manual
Message-ID: <199703150237.UAA28029@dfw-ix14.ix.netcom.com>

Hi Gang --

It went within ten minutes. Wow! I'm mighty glad to see this much
interest in my favorite venerable (not so old) boatanchor. Long may it
continue to glow in many homes.

73
Larry Wolken N30JD

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: FS R-390A Manual
Message-ID: <332AAF8A.19B9@GHG.net>

Lawrence D. Wolken wrote the following concerning a Fair Radio Copy of
an R-390A manual:

> It went within ten minutes. Wow! I'm mighty glad to see this much
> interest in my favorite venerable (not so old) boatanchor. Long
> may it continue to glow in many homes.

Looks like there is some interest in this manual, so I'll make the same offer. I recently acquired an original TM 11-5820-358-35, so I have little use for my Fair Radio copy. It is missing some pages, which I understand is standard for Fair Radio copies, so I'll pass it along for postage. (\$3 Somewhat-priority mail)

HOWEVER: Rules of Ware apply! I'll wait three or four days to give the digest folks a chance, then I'll pass it along to the person with the best story telling about their undying passion for R-390A's, funniest message involving New Jersey lawyers traveling to Lima Ohio subsiding only on grape jam complaining about missing meters when they get there, needs it to get their 390A going, you know how it works... Make me laugh, make me cry (or both), get the manual...

73,
Ben

--

* Benjamin D. Hall, junque collector extraordinaire. *
* Finally on the web at: <http://www.ghgcorp.com/bdhall> *
* Located in Houston, Texas. E-mail: BDHall@GHG.net *
 "Aio, quantitas magna frumentorum est."

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Steven Wenger <swenger@fgi.net>
Subject: FS: Modulation Transformer
Message-ID: <Pine.LNX.3.95.970314210000.4373D-100000@um.fgi.net>

Greetings,

Have a SNC Multi-Match Modulation Transformer: pri. 3K to 15K;
sec. 500 to 18K; 200 watts; 16 taps. Weight about 30 lbs. Dimensions: 6" x
5.5" x 7.25". If you are a homebrewer or can fit this in your broken BA,
it will match about any P-P load impedance to about any modulation
impedance - \$65 plus shipping.

73,
Steve KA9QLF
(217)243-3920

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: FT/FS: "Odds-N-Ends revised"
Message-ID: <19970315023147.AAC4725@LOCALNAME>

***** More "Odds-N-Ends" for sale (AGAIN) (REVISED) *****
Following items for sale or trade. Most items are "vintage radio/
boat anchor" items from the vacuum tube era!! Some prices readjusted
from previous post. I need to move it all out! (To make room for
newer "old" stuff, of course!)

BRITISH "AVO 8" Mk III Multimeter. Very accurate! Works very
well, with resistance range extension unit and instruction/
service manual (copies). Cosmetically VERY nice except for
one hairline crack in meter glass window. (Does not affect
operation!) This is the British "Roll-Royce" version of the
Simpson 260! With additional "Resistance range extension unit"
(Originally cost \$95 alone!) BEST OFFER over \$125! or TRADE?

EICO 377 Sine/square wave generator. Covers 20 to 200,000 Hz in
4 ranges continuously. (Not 'step' tuning) working OK. Case needs paint.
With photocopy of manual. \$15 plus shipping/packing.

SIDEBAND ASSOCIATES SBA-312 Commercial Xtal controlled SSB transceiver.
With crystals for 2,4,6,8,12, and 16 Mhz channels (Some old simplex marine
frequencies) It runs 100 watts out and is semi-solid state. (Transmitter
uses a pair of 6883B tubes) 115 VAC power supply built in.
No book, no mike. Cosmetically good, a few scuffs, needs to be
cleaned up. Worked OK last time used. (was an 'antenna tuner'
test RF source in the shop I used to work in.) \$75 plus shipping/packing.

HALLICRAFTERS HA-1 "TO Keyer". Cosmetically good to excellent. Works OK.
No book.
Best bid over \$50 plus shipping

HEWLETT PACKARD 614A and 616A RF Generators. The 614 covers 780-2200
Mhz and the 616A covers 1750-4400 Mhz. The 614A works fine last time
I tried it! The 616A has a bad power transformer (I think) and needs
some tubes (Tubes still in the RF cavities though!) I must get these
out from underfoot! \$10 for BOTH to the first person to show up and
pick them up! New Orleans area. I must move these out.

LAMPKIN model 105B Frequency Meter. No documents. Works. Cosmetically
good. \$20 plus shipping.

I am open to trades. WHAT HAVE YOU?

Looking for General Radio test equipment,
Hallicrafters:

SX-71 receiver, S-76 receiver, SX-100 receiver.

BC-221 frequency meter chassis less tubes/crystal otherwise complete and in
good cosmetic condition. B&W "TVL" or "HDVL" coils for 160, 80, 40 meters
+ Jackbar and swinging link assy. to match.

73,

Sandy, W5TVW

ebjr@worldnet.att.net

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997

From: lsmith <ckvnfm@mb.sympatico.ca>

Subject: Gen Coverage BA Wanted

Message-ID: <332AD9C6.391D@mb.sympatico.ca>

Listing this request for a young man who phoned me this morning, and will hopefully be a list member soon.

REPLY TO HIM DIRECTLY....NOT TO ME

Wanted...General Coverage BA like SX-100, SX-42, HQ-180, etc. Must be nice, but collector quality not required. Need a good working set for general listening use. Reply to <slaevens@red-lake.lakeheadu.ca>
His telephone number is (807) 727-3959

Thanks for helping this fellow out. He is living several hundred miles from any other BA afficionados/experts, and is functioning on his own in isolation. Let's give him a little demonstration of the kind of folks that hang out here. 73 to 'yaall (been doing too much listening on 75 meters)

Lee Smith,

VE4ANC

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997

From: dr.electron@juno.com

Subject: RE: HALLICRAFTERS

Message-ID: <19970315.000428.6742.5.dr.electron@juno.com>

Boaters;

I have an offer to trade and receive an SX101a MK III . Primary usage would be casual sw and BC dx listening.

Can anyone give me a quick blurb on this one ?

Thanx, Rich P. /

73

From boatanchois@sco.theporch.com Sat Mar 15 16:19:39 1997
From: wallace@world.std.com (Andy Wallace)
Subject: Re: HALLICRAFTERS
Message-ID: <332aa455.349872@world.std.com>

On Sat, 15 Mar 1997 08:05:54 GMT, dr.electron@juno.com wrote:

```
>Boaters;  
>I have an offer to trade and receive an SX101a MK III . Primary usage  
>would be casual sw and BC dx listening.=20
```

Rich, if that's the SX-101 and not the SX-100, you can't do anything but ham listening with it -- the 101 is ham-bands-only!=20

```
--Andrew Wallace
anagram: WE LEAD CLAN WAR
wallace@world.std.com
```

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Mike Toneri <toneri@ils.net>
Subject: RE: HALLICRAFTERS
Message-ID: <199703152053.PAA25932@server1.ils.net>

At 08:07 AM 3/15/97 GMT, dr.electron@juno.com wrote:

[illegible]

The SX101A Mk III is a ham bands only receiver with calibrated bands for 80 - 10 metres plus 6 metres and 2 metres with external converters. They are a very good receiver. I wish I had kept mine,\.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: "Walter Fairclough" <wfairclo@netcom.ca>
Subject: Hallicrafters Manual
Message-ID: <199703151439.JAA11629@tor-srs1.netcom.ca>

Looking for a HA-1 T0 Keyer manual or repo. Please state price including mailing.

Thanks for reading.

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Hold The Armorall Eleanor!!!
Message-ID: <970314204834_71333.144_DHB59-1@CompuServe.COM>

I still don't understand this obsession with applying a shiny coating to an already-beautiful BA. In the 1960's (pre-Armorall era) the recommendation was always linseed oil. Now it is silicone-based goop.

This stuff makes a BA look un-natural and like some sort of reptile in my opinion. But some folks think this is necessary for black-wrinkle or powder-coat finishes with so-called "in grained dust or dirt." This is complete bull.

Again, without reservation, go to your car parts shop and get GoJo (without pumice). Now get your little scrub brush and tooth brushes and go play assholes and elbows with your BA for a while. Rinse thoroughly. Dry. If any dirt remains, then you either didn't scrub enough or didn't let the GoJo sit long enough or didn't use a fine enough bristled brush or some combination of those. So go do it again. Heck, it took 50 years to get that dirty. Why shouldn't it take a couple of hours to clean?

Now, sit your GoJo'ed BA next to your ARMOR-alled BA and see if there's any difference in how they look. Of course there is. The GoJo'ed BA doesn't look greasy and un-naturally shiny and it has no artificial junk on it to mess it up. It is just clean and beautiful--ready to have it's picture taken with you standing next to it for the next issue of ER.

This has never failed for me. I think anyone can get the same results.

73, Don

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: "Ray Allen,W2KBR" <raallen@erols.com>
Subject: HW-101 Manual et al
Message-ID: <332A47BD.2752@erols.com>

Hi Group, In my last post I forgot to mention I'm looking for an Hw-101 manual. And I meant to say I have a HWA-2036-3 PS but do NOT have a manual. Thanks
Ray W2KBR, raallen@erols.com
"Only by the taking of chances, do we get to taste the true sweetness of life"

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
Subject: Info need on crystals
Message-ID: <Pine.SUN.3.91-FP.970314151238.13709A-1000000@cap1.capaccess.org>

Dear Boat People,
What parameters do I have to specify when ordering crystals? Is there a capacitance factor and how do I determine it.
Thanks muchly,
Walter

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: Interesting Development!
Message-ID: <m0w5zSJ-00003uC@e-tex.com>

Hello Firebottlers,

Whilst testing the 4-1000A 6 meter PA, just running the filaments and the HV on, I had lightning in the PA plate compartment that would have made Tesla take a second look.

After opening'er up I found that one of the parasitic resistors had blown out it's side. This is with an unkeyed amp and the lightning was strictly DC by the look and sound of it. The supressor is 2 watt resistors across a horseshoe bend of the 4-1000A plate lead.

With 5 KV on the plate it was spectacular. There is nothing close enough to the resistor to short to that I can see but it had to go somewhere. I've ran

it under the same conditions several times with no such results before this happened.

Anyway, I thought this would make a good posting and maybe get a suggestion or two.

73 de Pete WA5JCI

EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997

From: Mike Warren <m_warren@compuserve.com>

Subject: re: Is silver plating worth it?

Message-ID: <199703150813_MC2-129C-E0AC@compuserve.com>

Hi Gang,

Bob posed a question:

>So I am wondering if all this stuff about silver plating, especially
>on VHF tank circuits, is really worth the effort/expense. I have not
>found it to be so.

I've always thought (assumed) that VHF tank circuits were silver-plated because of "skin effect" -- i.e. since AC current is flowing on the outside of the conductor, the silver-plating improved conductivity (lowered resistance).

However, I happened to be browsing my Terman's Handbook last night and noticed that the difference in resistivity between copper and silver is small. For example, silver has a resistivity of 1.629 microhms per cm cube, while copper's is 1.724 - not much of a difference. Brass, however, which I always thought to be a good conductor, has a resistivity of 7.5 - almost five times that of copper.

So maybe it's really the underlying conductor material that determines when silver-plating is effective?

73,

Mike W5MAZ (in MN)

m_warren@compuserve.com

essage text written by INTERNET:boatanchors@sco.theporch.com

>So I am wondering if all this stuff about silver plating, especially
on VHF tank circuits, is really worth the effort/expense. I have not

found it to be so.

E-mail broehrig@admin.aurora.edu

73 de Bob, K9EUI<

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997

From: "Ray Allen,W2KBR" <raallen@erols.com>

Subject: ISO Heath 2036A stuff

Message-ID: <332A4346.F90@erols.com>

Hi Group, Not exactly BA stuff but "vintage" Heathkit. Have acquired 2 HW-2036A radios. One is missing a small knob for the tone selection, and

would like to find a gimbal bracket and plate to mount one in my truck.

Also have a HWA-2036-3 PS, but do have have a manual.

Any help on these items would be greatly appreciated. Finally, looking for a main tuning knob for my SB-101, somebody installed an off-brand spin type on for "speeding" up and down the bands, I guess.

Thanks for your time and 73

Ray, W2KBR, raallen@erols.com

"Only by the taking of chances, do we get to taste the true sweetness of life"

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997

From: "Ray Allen,W2KBR" <raallen@erols.com>

Subject: ISO Heath bits&pieces

Message-ID: <332AFAED.3E62@erols.com>

Group:

In search of:

1. HW-1982 Heath Micoder (hopfully with Heath Mod kit #830-30),
(see QST 1/78, 4/78, & 4/79)
2. HDP-121,or242, or444 Base mic for use with HW/SB series HF,
3. Heath female 11 pin power cable connector for HW/SB series HF,
4. Heath female 15 pin power cable connector for HW/SB series HF

(mobile) PS.

Many thanks for takin time to read, have a gud un..

Ray W2KBR

"Only thru the taking of chances, do we get to taste the true sweetness of life"

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997

From: Mike Toneri <toneri@ils.net>

Subject: Re: Johnson Thunderbolt

Message-ID: <199703150010.TAA07967@server1.ils.net>

At 03:35 PM 3/14/97 GMT, Walter Dail wrote:

>Bob,

> I am the proud owner of a Thunderbolt too. I paid \$350 for mine! It worked
>fine until a loud BANG was heard! Seems the plate caps are running at the
>ragged edge. I usually have about 2200-2300V on the plate. I replaced all
>of them(6 I think) with 100uF@450V units(better filtering). Another one blew
>out (surge got it!)and I replaced that one too. Everything has been FB ever
>since. So, for thought you may want to replace all the paper caps(if they
>are still there) unless you get an amp with a small oil filled cap in the HV
>supply.

>I replaced all the bias supply caps also while I was at it because they were
>paper. Peter Dahl still sells replacement transformers in case you need to
>know.

> I'll NEVER sell mine. It looks too mean in the shack. All I can say it buy it!
>

>Later,

> Walter Dail-KT4JA

>

I too have a FB Thunderbolt amp and the 6N2 Thunderbolt. I also had the same problem with the HV electrolytics. They sure can make a loud noise. Replaced all the filter caps in mine and a friend sold me a matched pair of European made 4-400 tubes with the thick graphite anodes. The amp performs great. I did make a couple of mods to it to improve the cooling. Unfortunately that meant cutting a 4 inch hole in the back of the cabinet, but since I don't intend to sell it, it doesn't matter to me. I removed the fan assembly from the resistor board and mounted a high flow computer fan on the back of the cabinet, centred between the 4-400's, to suck the hot air out of the cabinet. I replaced the fan assembly under the cahssis with a 3 inch 32 cfm computer fan and now the amp runs so cool you can't feel any heat anywhere on the outside of the cabinet. I also replaced the rectifier with solid state plug-ins.

Another mod that you may consider is to change the plate RF choke since the original has some nasty resonances around 18 and 24 Mhz. That can make for some real fireworks when tuning up on 18 or 24 Mhz.

I paid \$300 CDN for mine about ten years ago with bad 4-400's in it but it was worth every penny.

73..Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997

From: km1h@juno.com

Subject: km1h: Re: silvered brass
Message-ID: <19970315.155823.9871.5.km1h@juno.com>

I forgot to include BA in this earlier posting. The bottom line is that at ground zero there is very little difference between copper and silver at the frequencies discussed on this reflector. The long term effects however can be very diferent.

73....Carl KM1H

----- Begin forwarded message -----

From: km1h
Subject: Re: silvered brass
From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: ARONGV@aol.com
Subject: Liquid Gold
Message-ID: <970315101536_1284498582@emout05.mail.aol.com>

Hi Gang:

As some of you could probably deduce from my Manuals For Postage post, I've gone through a number of Hallicrafter receiver over the years.

Few years ago I launched into the S-40 line. If there's any chance the cabinet can pass without repainting, I do it. But still, my finished restorations looked dull, almost drab.

So, on one particular receiver, I doused it with so much Liquid Gold that it actually dripped, so I had to put a cloth under it. Days later, I noticed it looked pretty good, and that most of the Liquid Gold had evaporated.

I wiped the unit down briskly, and it looked better, but still lacked the look I was shooting for.

Eventually, I guess I doused this receiver three or four times til I got what I was looking for: a nice sheen, without that greasy kid's stuff look.

I sat it aside for several months to see what the long term effect would be. Wolah! It still looked mighty fine. After that, I sold it and repeated the process on another S-40.

Meanwhile, lots of moons have come up and gone down since then. The guys who bought my S-40 series receivers say that even today, the paint looks really good, knobs look new.

Now I'm not the least bit knowledgeable about chemistry and paints, but it "seems to me" that the Liquid Gold permeated the paint, bringing it somewhat

"back to life," with a nearly new unit look.

Question might be, if paint that old gets so dry and dull looking, can something like Liquid Gold (or something else of your choice) actually sort of help rejuvenate the paint itself, as opposed to sitting on top of the paint making it look better but never soaking in?

All I know about this is what I tried on those Hallicrafter S-40s. Worked for me, whatever it was doing!

Ron W00IZ Kansas City

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: "Walter Fairclough" <wfairclo@netcom.ca>
Subject: Parts Poor
Message-ID: <199703151436.JAA10768@tor-srs1.netcom.ca>

Seems that the parts I have are never the parts I need.

Need a .001 ufd 2000 VDC mica capacitor for my Heathkit DX-40 restoration.
A ceramic disc of the same rating will also do.

Thanks for reading.

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: tomrice@netcom.com (Tom R. Rice)
Subject: Re: PCB's, propaganda and life in general....
Message-ID: <199703152123.NAA24951@netcom2.netcom.com>

Thanks for the comment. I am not the only one, and neither are you, who feels the same about some of this nonsense. I am going to send you the comments I received.

One of these days ol' Jack is gonna lower the boom on this thread, so I'm gonna propose that we all pool our kid experiences, load 'em into a sort-of historical archive and put it into the BA file pile, in the blatant hope that, somewhere, sometime, some hungry kid will find out and (horrors), actually go out and try it fer him/her self (see, I'm being PC here....).

Like the zinc dust & sulfer rockets made out of EMT.....

(Anarchy Note: It pleases me no end to know, fer shur, that I have the power to shut down any freeway in the SF Bay Area, during the worst commute hours, simply by tossing a bag of white flour off an overpass or out the car window. The extreme response to the "mysterious white powder" is enough to boggle the mind.)

73 de WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

CIS: 71160,1122

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997

From: John Hurst <hurstjsj@gte.net>

Subject: Re: Question regarding Heath SB401

Message-ID: <332A1ADC.5104@gte.net>

Morris Odell wrote:

>

> I recently overhauled a nice little receiver (local AWA manufacture)
> which had persistent 100 Hz ripple on the B+ line at twice our power
> frequency of 50 Hz. It was cured by replacing all 3 filter caps but the
> curious thing is that they all seem to test OK on a Heath capacitor
> checker.

>

> Does anyone know of a fault in electrolytics where they seem OK as far
> as capacitance & leakage is concerned but don't function properly in
> circuit?---

Morris, This could be caused by an increase in the capacitor's ESR (equivilent series resistance). If the ESR is an appreciable fraction of the capacitive reactance at the ripple frequency smoothing will be impaired. I believe its effect will show up as a high "power factor" on the Heath cap testers. The ESR is what causes filter caps, particularly cap-input filters, to eventually dry out due to $I\text{-ripple}^2 \times (\text{ESR})$ heating.

John, KU6X

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997

From: Mike Warren <m_warren@compuserve.com>
Subject: Radio Museum Estate Auction ?
Message-ID: <199703150841_MC2-129A-B64@compuserve.com>

Hi Gang,

(found the below on the HamNet forum on Compuserve)

>There was an ad in this a.m. NY Times (3/14) for a Radio Museum Estate Auction to be held on >Saturdayaturday March 22 in Stratford CT. The ad doesn't state whether there is any ham gear, >but does say that there are 100's of tubes. The auctioneer is A. Horowitz and the phone is >212-410-2100.

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Ho4bart@aol.com
Subject: Re: RDF Identification?
Message-ID: <970314165723_771913821@emout09.mail.aol.com>

In a message dated 97-03-14 12:22:23 EST, william@ans.net (William Donzelli) writes:

<< It is the standard aircraft DF system for the Navy just prior to WWII. It was used mainly with the RU series of receivers (pre-1940 command sets), but I am sure I have seen it attached to other Navy aircraft receivers as well (ARB).
>>

and, if you look thru some aviation books or mags at some 2-seat planes such as SBD or SB2C , you can make out the DU loop just about head level right in front of the radio-gunner in the rear seat. surprisingly (to me anyway) the metal frame of the glass canopy seems not to have troubled the df pattern. anyway, by anecdotal evidence at least, most carrier planes found their way back home by use of the YG beacon signals in the 230 MHz range, using an adaptor for their receiver, namely ZB, ARR-1 or ARR-2.
Keep 'Em Lighting! hue miller

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: John <johnmb@mindspring.com>
Subject: resistor-followup

Message-ID: <199703142030.PAA28742@camel6.mindspring.com>

To follow up my earlier note about 2W Carbon Comps no longer being manufactured, for a replacement you might try KOA-Speer's "CS" series part. This is a metal oxide part (not a film part) which is quite good in surge applications (as were CC technology parts). The entire cross section of the part forms the resistive element, rather than just the surface, as in the more common metal film devices.

814-362-5536 would be the number to call for find your local distributor.

/John

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
+-----

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: MEC <danmec@inet.uni-c.dk>
Subject: Re: Russian Parts Availability
Message-ID: <Pine.3.89.9703151740.A27381-0100000@inet.uni-c.dk>

> The recent Svetlana discussion brings me to another query.
> Where are all the other RF parts suppliers in the ex-Soviet empire
> hiding? As both a homebrewer and a distributor of QRO components, I have
> been searching with no results.
> Since the Alpha 91b amplifier is built in Bulgaria from all Eastern
> European sources; they do exist. Does anyone have any leads? I would love
> to import switches, variable and fixed caps, etc.
>
> How does one go about tracing down this information?
>
It is very simple : You attend the Hamradio fair in Friederichshafen,
Germany in the end of June. or there is one in Hannover in the autum.
Lots of stuff from the east there.

73 Rag OZ8RO LA5HE and next week again QRV as JW5HE.

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Nina West <ninaw@u.washington.edu>
Subject: Scott's Liquid Gold: What is it?
Message-ID: <Pine.A41.3.95b.970315061143.33854A-1000000@dante17.u.washington.edu>

One product that some have recommended for shining up BAs is Scott's Liquid Gold. I used it several months ago on some Heath and HP test gear with no problems and has no slimy look or feel. However, the label does say "not recommended for painted surfaces". Is this product a silicone oil like armorall or what?

I'll give Gojo plain and Tannery products a try on the next project.

Fred Powell
c/o
ninaw@u.washington.edu

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: "Roger A. McCarty" <rmccarty@deltanet.com>
Subject: Re: Scott's Liquid Gold: What is it?
Message-ID: <332ADB98.568E@deltanet.com>

Nina West wrote:

>
> One product that some have recommended for shining up BAs is Scott's
> Liquid Gold.

Also good for cleaning/shining crusty ol knobs, plastic or metal. I use it with a dremel polishing tool. Used cautiously, knobs return to new condition.

Roger KD6CC

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Re: Scott's Liquid Gold: What is it?
Message-ID: <332B64CE.7EF3@gte.net>

Nina West wrote:

>
> One product that some have recommended for shining up BAs is Scott's
> Liquid Gold. I used it several months ago on some Heath and HP test gear
> with no problems and has no slimy look or feel. However, the label does
> say "not recommended for painted surfaces". Is this product a silicone
> oil like armorall or what?
>
> I'll give Gojo plain and Tannery products a try on the next project.
>

> Fred Powell
> c/o
> ninaw@u.washington.edu

Joan depends on Scott's Liquid Gold to protect and perserve the Redwood walls here in Hawaii. It prevents mildew and is very effective in that application.

>From the label, it certainly looks just like WD-40 with a better scent to me. "petroleum distillates" are oil, likely light weight oil just like WD40, but still oil. The Redwood is unpainted and the Scotts prevents the wood from completely drying out. I think it will make later painting very difficult. It is not silicon oil, just light weight penetrating oil.

73 John K1ER

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: jmiller@teleteam.net (Jay H. Miller)
Subject: Shure 55 Wiring
Message-ID: <v01540b00af4fa9c562d5@[199.34.24.25]>

Anyone have a wiring diagram for a Shure 55 (not the 55S). Also if someone has a tech flyer on this mike I'd sure like a photocopy.

Thanks.

Jay H. Miller, KK5IM Dallas, Texas
The Pocket Guide to Collins Amateur Radio Equipment
AMI#846 Collins Collectors Association
E-Mail: jmiller@teleteam.net
Visit My Home Page: <http://www.teleteam.com/~jmiller/>

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Bob Roehrig <bproehrig@admin.aurora.edu>
Subject: Re: silvered brass
Message-ID: <Pine.ULT.3.95.970314142937.18939C-1000000@admin.aurora.edu>

On Fri, 14 Mar 1997 WA6GYD@aol.com wrote:

> I am going to get in real trouble with this comment but what the hell.

> The higher the freq the closer to the surface of any conductor the RF current
> travels. Copper oxide is not electricly conductive and silver oxide is.

OK, my turn for a dumb question.... If something is non-conductive, why
isn't it ignored. In other words, what does it matter if it is there or
not?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Re: silvered brass
Message-ID: <332A43DD.F2@gte.net>

Bob Roehrig wrote:

>
> On Fri, 14 Mar 1997 WA6GYD@aol.com wrote:
>
> > I am going to get in real trouble with this comment but what the hell.
> > The higher the freq the closer to the surface of any conductor the RF current
> > travels. Copper oxide is not electricly conductive and silver oxide is.
>
> OK, my turn for a dumb question.... If something is non-conductive, why
> isn't it ignored. In other words, what does it matter if it is there or
> not?
>
> E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
> CIS: Data / Telecom Aurora University, Aurora, IL
> 630-844-4898 Fax 630-844-5530

All things are relative. To lightning most things are conductors, hence
the spectrum from INSULATOR SEMI-CONDUCTOR CONDUCTOR SUPER-CONDUCTOR.
RF tends to stay on the surface of a conductor, in a waveguide for
example the inner coating is a good conductor.

If the material needs to carry DC, AC and RF; the DC and AC are carried
by the whole conductor, with the capacity (ability to carry current, not
capacitance) determined by the cross sectional area of the wire. Hence
#8 copper to your amp, #18 to your receiver. If the same wire is used
for RF, the surface area is what counts. The center conductor in
hardline is fairly large diameter copper coated aluminum. The copper
coating carries the RF and the larger diameter provides more copper
surface area to act as the conductor.

Clear as mud?

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: rcmorris@mars.ark.com (ray)
Subject: Telonic n' stuff.
Message-ID: <199703152207.0AA17595@mars.ark.com>

Greetings Group,

I have a friend who is looking for an Audio Osc. plug in for a Telonic SM 2000-1. Any guidance where he can obtain one would be appreciated. You can email him direct at :rohwns@mars.ark.com or drop me an email. Tnx and 73.

Ray. VE7FBJ. rcmorris@mars.ark.com

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Tom Taylor <ttaylor@Adobe.COM>
Subject: Two free "Ham Tips" available
Message-ID: <v03007802af4f809e63be@[144.7.22.45]>

At the Puyallup, WA hamfest, I bought a box of old ARRL handbooks. Included amongst the books were a couple of RCA Ham Tips publications. I have two copies of vol. 21, no. 2 from 1961 available for free. The title of the main article is, "Nuvistor Two-Meter Converter," by R. M. Mendelson, W2OK0. The design uses two 6CW4's and a single 7587. The back of the publication has an ad for an RCA Senior VoltOhmyst in kit form for \$62.50. From the picture, that's seems like a reasonable 1997 price. That \$62.50 must have been some "serious buckage" in 1962.

If there are multiple requests, best story wins.

Tom, N7TM

Tom Taylor
ttaylor@adobe.com

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: sinned@VNET.IBM.COM
Subject: Variable Xtals
Message-ID: <199703142311.RAA13912@uro.theporch.com>

I have a Bliley variable that goes from 7100-to-7112. Works fine. I have thought about swapping the rock inside, but the holder/unit is in perfectly new condition and I'd hate to accidentally mess something up. Anyhow, it's useable between the broadcast stations just as it is. Seems as stable as a non-adjustable unit, but is sensitive to "hand capacity"

Dennis W5FRS

From boatanchors@sco.theporch.com Sat Mar 15 16:19:39 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Web Page (photo) of my BAs.. Hammarlund/Valiant et. al..
Message-ID: <199703151613.JAA27186@lynx.csn.net>

I have finally put out a short web page (with photo) of my BA station (KC0LR) -- Hammarlund HQ-180, HQ-170A, HX-50, HXL-ONE Linear, Johnson Viking Valiant, and Johnson KW Matchbox.

<http://www.bs2000.com/talos/vintage.htm>

Feedback/comments (good and bad) appreciated.

Regards

Jack, KC0LR (Friend to all things Hammarlund)

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

"21st Century Financial Applications"
Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970312)

1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: w5jv@juno.com
Subject: WInter Shack Cleaning: Free to good home
Message-ID: <19970314.200749.6663.4.w5jv@juno.com>

Thanks to all for responding to my last post. Rather than write everyone a reply, its practical to report the QST volume and the Tektronics plug-in are spoken for. I.E., they have found good homes.

I'll be thinning down some of the miscellany from my shop and will offer a few things to the list if they seem worth fixing up. On the cleaning list is a Heath "Two'er" (Lunch Box AM) and a Hallicrafters S38, both free to a good home if anyone has a real need for them; No cost involved, just cover the shipping. Both are tubed and probably work to some degree. Cosmetically they are in the 6 to 7 category as is. Full manual on the 2 meter; no docs on the S38.

Also, there is a fair condition D104 if anyone needs one and an old Vibroplex (probably early No. 1 model). Please, no dealers or regular sellers. Let the equipment go to someone who needs it.

73's,

Doug W5JV

From boatanchors@sco.theporch.com Fri Mar 14 21:58:40 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: WTB: Bulkhead N!
Message-ID: <m0w5dN5-00002LC@e-tex.com>

Hello gang,

Does anyone have one of the above connectors that they would turn loose? I need one for a homebrew amp.

73 de Pete WA5JCI

EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids
